

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1-19. (canceled)

20. (currently amended) ~~The device according to claim 19, A device for supplying foam to a shower head with controlled soap dosage, comprising:~~

means to mix water for a shower, already at a desired temperature, with air and a predetermined amount of liquid soap, in order to form and supply to a shower head a thick, uniform foam to be directly ejected from the shower head,

two reservoirs including a soap reservoir for the liquid soap (A, B),

delivery means (PA, PB) to deliver the predetermined amount of liquid soap from the soap reservoir,

intake means to intake air together with the predetermined amount of liquid soap, and

mixing means to mix the soap and intaked air together with water before the water is ejected from the shower head,

a pushbutton control (PA, PB) provided with the soap reservoir to deliver the predetermined amount of liquid soap,

an output pipe connected to the soap reservoir from

which output pipe the mixing means, during operation, intakes the liquid soap and air,

a further pipe connected to an upper hopper in the open air so that the air reaches the soap reservoir through the further pipe,

said hopper configured to hold one of i) smelling essences and essential oils that can be sprinkled to his or her body at the end of his or her taking a shower, and ii) a detergent liquid different from the liquid soap contained in the soap reservoir, and

characterized in that said mixing means consists of a Venturi tube arranged in a rotating switch (11) together with a corresponding length of free duct, the water flow which is already at the desired temperature flowing alternately through said Venturi tube or said length of free duct.

21. (currently amended) The device according to claim 20, characterized in that

the switch (11) has an essentially cylindrical body including both the Venturi tube and the length of free duct parallel to each other, and

the switch is provided with a suction orifice connected to the soap reservoir, and

the switch is provided with an inlet orifice connected to the same a non-soaped water reservoir, and respectively,

both a soaping position and a rinsing position being set by rotating by 180° the switch which connects alternately the Venturi tube or the length of the free duct to the water circuit.

22. (currently amended) The device according to claim 21, characterized in that ~~the~~ a longitudinal axis axes of said Venturi tube and a longitudinal axis of said length of free duct ~~included in the switch~~ are perpendicular to ~~the~~ an axis of the rotating switch and are spaced uniformly from the axis of the rotating switch therefrom.

23. (currently amended) The device according to claim 22, characterized in that

when the rotating switch (11) is in the soaping position in which water flows through the Venturi tube, soap and air are sucked so that a foam soaping the user is streaming out of the shower, and

when switch is in the rinsing position in which water flows through the length of free duct, water streaming out of the shower is not mixed with soap and the user can rinse himself.

24. (currently amended) The device according to claim 23, characterized in that

said length of free duct is connected to the liquid soap reservoir, from which Venturi tube exerted its suction action during its operation, so that when the ~~the~~ switch is in the rinsing position, the Venturi tube is bypassed, a little amount of water without soap flows continuously in the opposite direction into the soap reservoir and through the duct ~~which connects it to the upper hopper~~ so that water overflows from the latter the upper hopper and outside the device, thus accomplishing a complete and effective washing and rinsing of the device so that traces of the ~~detergent~~ products used before are all removed.

25. (currently amended) The device according to claim 24, characterized in that the diameter of the connecting pipe between the Venturi tube and the soap reservoir and the diameter of a connecting pipe between the ~~latter~~ soap reservoir and the length of the free duct are 1/10 to 1/3 as large as the diameter of Venturi tube or the free duct.

26. (currently amended) The device according to claim 24, characterized in that in order to provide a partial recycling of the soaped water, a further pipe is provided with a section, 1/10 to 1/3 as small as a section that of a water outlet pipe connected to the shower head, the further pipe taking the partial amount of soaped water to be recycled,

~~mentioned above~~ from the outlet pipe and feeding it directly to a lower portion of the upper air suction hopper through which such a recycling water amount is sucked by the Venturi tube again and mixed to a ~~detergent~~ product and the inlet water.

27. (previously presented) The device according to claim 26, characterized in that said recycling is controlled by the user by a suitable knob located between a tapping orifice and the upper hopper.

28. (canceled)